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Name of Work: MOEI & Fans at Holiday Home, GPRA, Badalapur, Varanasi. (SH:- Comprehensive Maintenance of Daikin Make VRV Air-Conditioning System)

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PART-A

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INFORMATION AND INSTRUCTIONS FOR CONTRACTORS FOR e-TENDERING
(Applicable for inviting open bids) (Single Bid System)

The **Executive Engineer (E), CPWD, Allahabad** on behalf of President of India invites online percentage rate e-tenders from OEM/authorized service agent of OEM & approved and eligible contractors of CPWD in Building & Road category Class II and above, and contractor of Class III, IV & V of NR Region for the following work(s).

S. No.	NIT No.	Name of work and location	Estimated cost put to bid	Earnest Money	Period of Completion	Last date & time of submission of bid and other Document as specified in the press notice	Time & date of opening of bid
1	28/ACED/2026-27	MOEI & Fans at Holiday Home, GPRA, Badalapur, Varanasi. (SH:- Comprehensive Maintenance of Daikin Make VRV Air-Conditioning System)	Rs. 8,74,560.00	Rs. 17,491/-	12 Months	Upto 03:00 PM on 06-07-2026	At 03:30 PM on 06-07-2026

*** To be filled in by the Executive Engineer**

- The composite contractor shall have to associate other agency for execution of specialized component work, which fulfills the eligibility criteria mentioned below. However, the composite category contractor shall also be eligible to carry out the work himself without associating any specialized agency provided, he has valid electrical license and fulfills all eligibility criteria respectively for the each specialized works as mentioned below: -

Eligibility Criteria for Associate Contractor

Comprehensive Maintenance of VRV Air-Conditioning System

The contractor shall associate the OEM or their authorized service agent for Comprehensive Maintenance of VRV Air-Conditioning System.

The Main contractor has to enter in to MOU with OEM/authorized service agent of OEM/

- The intending bidder must read the terms and conditions of CPWD-6 carefully. He should only submit his bid if he considers himself eligible and he is in possession of all the documents required.
- Information and Instructions for bidders posted on website shall form part of bid document.

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4. The bid document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen and downloaded from website <https://etender.cpwd.gov.in> free of cost.
5. But the bid can only be submitted after deposition of original EMD either in the office of Executive Engineer inviting bids or division office of any Executive Engineer, CPWD within the period of bid submission and uploading the mandatory scanned documents such as **Insurance Surety Bonds, Account Payee Demand draft of Bankers Cheque or Fixed Deposit Receipt or/and Bank Guarantee (for balance amount as prescribed)** from any of **the Commercial Bank** towards EMD in favour of Executive Engineer as mentioned in NIT, receipt for deposition of original EMD to division office of any Executive Engineer (including NIT issuing EE/AE), CPWD and other documents as specified.
6. Those contractors not registered on the website mentioned above, are required to get registered beforehand. If needed they can be imparted training on online bidding process as per details available on the website.
7. The intending bidder must have valid class-III digital signature to submit the bid.
8. On opening date, the contractor can login and see the bid opening process. After opening of bids, he will receive the competitor bid sheets.
9. Contractor can upload documents in the form of **JPG** format and **PDF** format.
10. Contractor must ensure to quote rate in the prescribed column(s) mean for quoting rate in figures appears in yellow colour and the moment rate is entered, it turns sky blue.

In addition to this, while selecting any of the cells a warning appears that if any cell is left blank the same shall be treated as "0". Therefore, if any cell is left blank and no rate is quoted by the bidder, rate of such item shall be treated as "0" (ZERO).

However, If a tenderer quotes nil rates against each item in item rate tender or does not quote any percentage above/below on the total amount of the tender or any section / sub head in percentage rate tender, the tender shall be treated as invalid and will not be considered as lowest tenderer.

10. SC/ST contractors enlisted under class V category are exempted from processing fee payable to ITI.

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List of Documents to be scanned and uploaded within the period of bid submission:

- I. Valid Electrical License of the contractor. **(Only for CPWD Enlisted Contractor)**
OR
An undertaking that “I will associate the contractor having valid electrical license before the start of the work or I will obtain the valid electrical license before the start of work”.
- II. Enlistment Order of the Contractor. **(Only for CPWD Enlisted Contractor)**
- III. GST Registration Certificate, if already obtained by the bidder.
- If the bidder has not obtained GST registration as applicable, then he shall scan and upload following undertaking along with bid documents.
“If work is awarded to me, I/We shall obtain GST registration certificate, as applicable, within one month from the date of receipt of award letter or before release of any payment by CPWD, whichever is earlier, failing which I/We shall be responsible for any delay in payments which will be due towards me/us on account of the work executed and/or for any action taken by CPWD or GST department in this regard”. (OM No. DG/SOP/20 dated 13.04.2021)
- IV. **Copy of scanned EMD documents along with receipt for deposition of original EMD issued from division office of any Executive Engineer, CPWD (The EMD document shall be issued from the place in which the office of receiving division office is situated).**
- V. **ERP Training Certificate issued by National CPWD Academy (NCA), Ghaziabad/ Regional Training Institute, CPWD. (Only for CPWD Enlisted Contractor)**

Any of the above documents found not upload on e-tender website, bids will be rejected.

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Receipt of deposition of original EMD
(Receipt No...../date.....)

1	Name of work	MOEI & Fans at Holiday Home, GPRA, Badalalpur, Varanasi. (SH:- Comprehensive Maintenance of Daikin Make VRV Air-Conditioning System)
2	NIT No.	28/ACED/2026-27
3	Estimated Cost	Rs. 8,74,560/-
4	Amount of Earnest Money Deposit	Rs. 17,491/-
5	Last date of submission of bid	Upto 06-07-2026 on 3.00 PM

1	Name of the Contractor#.....
2	Form of EMD#.....
3	Amount of Earnest Money Deposit#.....
4	Date of submission of EMD#.....
Signature, Name and Designation of EMD Receiving office (EE/AE(P)/AE/AAO) alongwith Office stamp		
(#To be filled by EMD receiving EE)		

Executive Engineer (E)
ACED, CPWD, Allahabad.

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**GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT
NOTICE INVITING TENDER**

E-TENDERING

1. Percentage rate bids are invited on behalf of President of India invites online percentage rate e-tenders from OEM/authorized service agent of OEM & approved and eligible contractors of CPWD in Building & Road category Class II and above, and contractor of Class III, IV & V of NR Region of CPWD for the work of **MOEI & Fans at Holiday Home, GPRA, Badalapur, Varanasi. (SH:- Comprehensive Maintenance of Daikin Make VRV Air-Conditioning System)** The enlistment of the contractors should be valid on the last date of submission of bids. In case the last date of submission of bid is extended, the enlistment of contractor should be valid on the original date of submission of bids.

- 1.1 The work is estimated to cost **Rs. 8,74,560.00**. This estimate, however, is given merely as a rough guide.

- 1.1.1 The authority competent to approve NIT for the combined cost and belonging to the major discipline will consolidate NITs for calling the bids. He will also nominate Division which will deal with all matters relating to the invitation of bids.

For composite bid, besides indicating the combined estimated cost put to bid, should clearly indicate the estimated cost of each component separately. The eligibility of bidders will correspond to the combined estimated cost of different components put to bid.

- 1.2. Intending bidders is eligible to submit the bid provided he has definite proof from the appropriate authority, which shall be to the satisfaction of the competent authority, of having satisfactorily completed similar works of magnitude specified below:-

Criteria of eligibility for submission of bid documents.

- 1.2.1 ~~Conditions for Non-CPWD registered contractors only, if bids are also open to non-CPWD contractors.~~

~~For works estimated cost upto tendering limit of class 1 composite category Contractor (However, for Horticulture and Furniture etc. discipline, it may be modified as per bidding limit of CPWD class I contractors of respective discipline as the case may be)~~

~~Three similar works each of value not less than Rs. or two similar work each of value not less than Rs. or one similar work of value not less than Rs. (all figures rounded to nearest convenient figure) in last 7 years ending previous day of last date of submission of bids.~~

Note:-

~~For works costing above tendering limit of class II composite category contractors but upto tendering limit of Clause I composite category Contractor (However, for Horticulture and Furniture discipline, it may be modified as per bidding limit of CPWD class II and CPWD Class I contractors respectively of respective discipline as the case may be) when bids are open to non-CPWD contractors also, then class II contractors of CPWD registered shall also be eligible if they satisfy the eligibility criteria specified in 1.2.1 above.~~

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1.2.2 Criteria of eligibility for CPWD as well as non-CPWD contractors,

For works estimated to cost above the tendering limit of class -1 composite category Contractor (However for Horticulture and Furniture discipline, it may be modified as per bidding limit of CPWD class I contractors of respective discipline as the case may be.) Three similar works each of value not less than Rs. or two similar work each of value not less than Rs.....or one similar work of value not less than Rs.....(all figures rounded to nearest convenient figure) in last 7 years ending previous day of last date of submission of bids.

The value of executed works shall be brought to current costing level by enhancing the actual value of work at simple rate of 7% per annum, calculated from the date of completion to the last date of submission of bid. This is applicable for 1.2.1 as well as 1.2.2 (This is not applicable for CPWD enlisted contractors of appropriate class in composite category)

To become eligible for issue of bid, the bidders shall have to furnish an affidavit as under:-

I/We undertake and confirm that eligible similar works(s) has/have not been got executed through another contractor on back to back basis. Further that, if such a violation comes to the notice of Department, then I/we shall be debarred for bidding in CPWD in future forever. Also, if such a violation comes to the notice of Department before date of start of work, the Engineer-in-Charge shall be free to forfeit the entire amount of Earnest Money Deposit/Performance Guarantee. (Scanned copy to be uploaded at the time of submission of bid)

1.2.3 When bids are invited from non CPWD contractors and CPWD class II contractors as per provisions of clause 1.2.1 above, it will be mandatory for non CPWD contractors and CPWD class-II contractors to upload the work experience certificate(s) and the affidavit as per the provisions of clause 1.2.2.

But for such bids, Class-I contractors of CPWD are eligible to submit the bids without submission of work experience certificate and affidavit. Therefore, CPWD class-I contractors shall upload two separate letters for experience certificate and affidavit that these documents are not required to be submitted by them. Uploading of these two letters is mandatory otherwise system will not clear mandatory fields.

2. Agreement shall be drawn with the successful bidders on prescribed Form No. CPWD 7/8 (or other Standard Form as mentioned) which is available as a Govt. of India Publication and also available on website www.cpwd.gov.in. Bidders shall quote his rates as per various terms and conditions of the said form which will form part of the agreement.
3. The time allowed for carrying out the work will be **12 Months** from the date of start as defined in schedule 'F' or from the first date of handing over of the site, whichever is later, in accordance with the phasing, if any, indicated in the bid documents.
4. The site for the work is available. ~~OR The site for the work shall be made available in parts as specified below:-~~

.....
(ii) The architectural and structural drawing for the work is available

or

~~The architectural and structural drawings shall be made available in phased manner, as per~~

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~~requirement of the same as per approved programme of completion submitted by the contractor after award of work.~~

5. The bid document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents except Standard General Conditions of Contract Form can be seen on website <https://etender.cpwd.gov.in> free of cost.
6. After submission of the bid the contractor can re-submit revised bid any number of times but before last time and date of submission of bid as notified.
7. While submitting the revised bid, contractor can revise the rate of one or more item(s) any number of times (he need not re-enter rate of all the items) but before last time and date of submission of bid as notified.
8. When bids are invited in three stage system and if it is desired to submit revised financial bid then it shall be mandatory to submit revised financial bid. If not submitted then the bid submitted earlier shall become invalid.
9. Earnest Money in the form of **Insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt, Banker's Cheque or Bank Guarantee (for balance amount as prescribed) from any of the Commercial Banks (drawn in favour of Executive Engineer (E), ACED, CPWD, Allahabad)** shall be scanned and uploaded to the e-Tendering website within the period of bid submission. The original EMD should be deposited either in the office of Executive Engineer inviting bids or division office of any Executive Engineer, CPWD within the period of bid submission. The EMD receiving Executive Engineer (including NIT issuing EE/AE) shall issue a receipt of deposition of earnest money deposit to the bidder in a prescribed format (enclosed) uploaded by tender inviting EE in the NIT.

A part of earnest money is acceptable in the form of bank guarantee of any **Commercial** Bank having validity for six months or more from the last date of receipt of bids which is to be scanned and uploaded by the intending bidders.

The earnest money given by all the tenderers except the lowest tenderer shall be refunded immediately after the expiry of stipulated bid validity period or immediately after acceptance of the successful bidder, whichever is earlier. However, in case of two/three bid system, earnest money deposit of bidders unsuccessful during technical bid evaluation etc. should be returned within 30 days of declaration of result of technical bid evaluation.

Copy of Enlistment Order and certificate of work experience and other documents as specified in the press notice shall be scanned and uploaded to the e-Tendering website within the period of bid submission. However, certified copy of all the scanned and uploaded documents as specified in press notice shall have to be submitted by the lowest bidder only along with physical EMD of the scanned copy of EMD uploaded within a week physically in the office of tender opening authority. Online bid documents submitted by intending bidders shall be opened only of those bidders, whose original EMD deposited with any division of CPWD and other documents scanned and uploaded are found in order.

- 9A The contractors registered prior to 01.04.2015 on e-tendering portal of CPWD shall have to deposit tender processing fee at existing rates, or they have option to switch over to the new registration system without tender processing fee any time.
The bid submitted shall be opened at **03:30 PM on 06-07-2026.**

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10. The bid submitted shall become invalid and e-Tender processing fee shall not be refunded if:
- The bidder is found ineligible.
 - The bidder does not upload scanned copies of all the documents stipulated in the bid document.
 - If any discrepancy is noticed between the documents as uploaded at the time of submission of bid and hard copies as submitted physically by the lowest bidder in the office of bid opening authority.
 - If a tenderer quotes nil rates against each item in item rate tender or does not quote any percentage above/below on the total amount of the tender or any section / sub head in percentage rate tender, the tender shall be treated as invalid and will not be considered as lowest tenderer.
11. The contractor whose bid is accepted will be required to furnish performance guarantee at **specified percentage** of the **tendered amount** as **mentioned in schedule E** and within the period specified in Schedule F. This guarantee shall be in the form of **Insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt or Bank Guarantee from any of the Commercial Banks** in accordance with the prescribed form. In case the contractor fails to deposit the said performance guarantee within the period as indicated in Schedule 'F', including the extended period if any, the Earnest Money deposited by the contractor shall be forfeited automatically without any notice to the contractor. The earnest money deposited along with bid shall be returned after receiving the aforesaid performance guarantee. The contractor whose bid is accepted will also be required to furnish either copy of applicable licenses/ registrations or proof of applying for obtaining labour licenses, registration with EPFO, ESIC and BOCW Welfare Board including Provident Fund Code No. If applicable and also ensure the compliance of aforesaid provisions by the sub contractors, if any engaged by the contractor for the said work within the period specified in Schedule F.
12. **The description of the work is as follows:**
Intending Bidders are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their bids as to the nature of the ground and sub-soil (so far as is practicable), the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their bid. A bidders shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charge consequent on any misunderstanding or otherwise shall be allowed. The bidders shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a bid by a bidders implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions and rates at which stores, tools and plant, etc. will be issued to him by the Government and local conditions and other factors having a bearing on the execution of the work.
13. The competent authority on behalf of the President of India does not bind itself to accept the lowest or any other bid and reserves to itself the authority to reject any or all the bids received without the assignment of any reason. All bids in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the bidders shall be summarily rejected.
14. Canvassing whether directly or indirectly, in connection with bidders is strictly prohibited and the bids submitted by the contractors who resort to canvassing will be liable for rejection.

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15. The competent authority on behalf of President of India reserves to himself the right of accepting the whole or any part of the bid and the bidders shall be bound to perform the same at the rate quoted.
16. The contractor shall not be permitted to bid for works in the CPWD Circle (Division in case of contractors of Horticulture/Nursery category) responsible for award and execution of contracts, in which his near relative is posted a Divisional Accountant or as an officer in any capacity between the grades of Superintending Engineer and Junior Engineer (both inclusive). He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any gazetted officer in the Central Public Works Department or in the Ministry of Urban Development. Any breach of this condition by the contractor would render him liable to be removed from the approved list of contractors of this Department.
17. No Engineer of Gazetted Rank or other Gazetted Officer employed in Engineering or Administrative duties in an Engineering Department of the Government of India is allowed to work as a contractor for a period of one year after his retirement from Government service, without the prior permission of the Government of India in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found any time to be such a person who had not obtained the permission of the Government of India as aforesaid before submission of the bid or engagement in the contractor's service.
18. The bid for the works shall remain open for acceptance for a period of thirty/~~seventy five (30/75)~~ days from the date of opening of bids in case of single bid system/ ~~sixty (60) days from the date of opening of technical bid in case bids are invited on 2 or 3 bid envelop system.~~ (Strike out as the case may be). If any bidder withdraws his bid before the said period or issue of letter of acceptance, whichever is earlier, or makes any modifications in the terms and conditions of the bid which are not acceptable to the department, then the Government shall, without prejudice to any other right or remedy, be at liberty to forfeit 50% of the said earnest money as aforesaid. Further the bidders shall not be allowed to participate in the rebidding process of the work.
19. This notice inviting Bid shall form a part of the contract document. The successful bidder/contractor, on acceptance of his bid by the Accepting Authority shall within 15 days from the stipulated date of start of the work, sign the contract consisting of:-
 - (a) The Notice Inviting Bid, all the documents including additional conditions, specifications and drawings, if any, forming part of the bid as uploaded at the time of invitation of bid and the rates quoted online at the time of submission of bid and acceptance thereof together with any correspondence leading thereto.
 - (b) Standard C.P.W.D. Form 7/8 or other Standard C.P.W.D. Form as applicable.

20. **~~For Composite Bids~~**

~~20.1.1 The Executive Engineer in charge of the major component will call bids for the composite work. The cost of bid document and Earnest Money will be fixed with respect to the combined estimated cost put to tender for the composite bid.~~

~~20.1.2 The bid document will include following three components:~~

~~**Part A:-** CPWD 6, CPWD 7/8 including schedule A to F for the major component of the work, Standard General Conditions of Contract for CPWD 2014 as amended/modified up to~~

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~~**Part B:** General / specific conditions, specifications and schedule of quantities applicable to major component of the work.~~

~~**Part C:** Schedule A to F for minor component of the work (competent authority under clause 2 and clause 5 shall be same authority as mentioned in schedule A to F for major components), General/specific conditions, specifications and schedule of quantities applicable to minor component(s) of the work.~~

~~**20.1.3** The bidders must associate himself, with agencies as per NIT conditions.~~

~~**20.1.4** The eligible bidders shall quote rates for all items of major component as well as for all items of minor components of work.~~

~~**20.1.5** After acceptance of the bid by competent authority, the EE in charge of major component of the work shall issue letter of award on behalf of the President of India. After the work is awarded, the main contractor will have to enter into one agreement with EE in charge of major component and has also to sign two or more copies of agreement depending upon number of EE's/DDH in charge of minor components. One such signed set of agreement shall be handed over to EE/DDH in charge of minor component(s). EE of major component will operate Part A and Part B of the agreement. EE/DDH in charge of minor component(s) shall operate Part C along with Part A of the agreement.~~

~~**20.1.6** Entire work under the scope of composite bid including major and all minor components shall be executed under one agreement.~~

~~**20.1.7** Security Deposit will be worked out separately for each component corresponding to the estimated cost of the respective component of works.~~

~~**20.1.8** The main contractor has to associate agencies for specialized component(s) conforming to eligibility criteria as defined in the bid document and has to submit detail of such agency(s) to Engineer in charge of relevant component(s) within prescribed time. Name of the agency(s) to be associated shall be approved by Engineer in charge of relevant component(s).~~

~~**20.1.9** In case the main contractor intends to change any of the above agency/agencies during the operation of the contract, he shall obtain prior approval of Engineer in charge of relevant specialized component(s). The new agency/agencies shall also have to satisfy the laid down eligibility criteria. In case Engineer in charge is not satisfied with the performance of any agency, he can direct the contractor to change the agency executing such items of work and this shall be binding on the contractor.~~

~~**20.1.10** The main contractor has to enter into MoU with agency(s) associated by him. Copy of such MoU shall be submitted to EE/DDH in charge of each relevant component as well as to EE in charge of major component. In case of change of associate contractor, the main agency(s) has to enter into MoU/agreement with the new contractor associated by him.~~

~~**20.1.11** Running payment for the major component shall be made by EE of major discipline to the main contractor. Running payment for minor components shall be made by the Engineer in charge of the discipline of minor component directly to the main contractor.~~

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~~20.1.12A. — The composite work shall be treated as complete when all the components of the work are complete. The completion certificate of the composite work shall be recorded by Engineer in charge of major component after record of completion certificate of all other components.~~

~~20.1.12B. — Final bill of whole work shall be finalized and paid by the EE of major component. Engineer(s) in charge of minor component(s) will prepare and pass the final bill for their component of work and pass on the same to the EE of major component for including in the final bill for composite contract.~~

21. **PAYMENT OF WAGES**

- (i) Wages due to every worker shall be paid to him direct **by contractor through Bank or ECS or online transfer to his bank account.**
- (ii) All wages shall be paid **through Bank or ECS or online transfer.**
- (iii) It shall be the duty of the contractor to ensure the disbursement of wages **through bank account of labour.**
- (iv) The contractor shall obtain from the Junior Engineer of any other authorized representative of the Engineer-in-Charge as the case may be, a certificate under his signature at the end of the entries in the "Register of Wages" or the "Wage cum-Muster Roll" as the case may be in the following form:-

"Certified that the amount shown in column No.....has been paid to the workman concerned **through bank account of labour** onat....."

Executive Engineer (E)
For & on behalf of the President of India

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**GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT**

PERCENTAGE RATE TENDER AND CONTRACT FOR WORKS

- (A) Tender for the work of: **MOEI & Fans at Holiday Home, GPRA, Badalalpur, Varanasi. (SH:- Comprehensive Maintenance of Daikin Make VRV Air-Conditioning System)**
- (i) To be uploaded by **03:00 PM** hours on **06-07-2026** at <https://etender.cpwd.gov.in>.
- (ii) To be opened in presence of tenderers who may be present at **03:30 PM** hours on **06-07-2026** in the office of **the Executive Engineer (E), CPWD, Allahabad.**

TENDER

I/We have read and examined the Notice Inviting tender, schedule, A,B,C,D,E&F. Specifications applicable, Drawings & Designs, General Rules and Directions, Conditions of Contract, clauses of contract, Special conditions, Schedule of Rate & other documents and rules referred to in the conditions of contract and all other contents in the tender document for the work.

I/We hereby tender for the execution of the work specified for the President of India within the time specified in Schedule 'F', viz., schedule of quantities and in accordance in all respects with the specifications, designs, drawings and instructions in writing referred to in Rule-1 of General Rules and Directions and in Clause 11 of the Conditions of contract and with such materials as are provided for, by, and in respects in accordance with, such conditions so far as applicable.

We agree to keep the tender open for ~~thirty/-forty five/-sixty/-ninety~~ **(30/45/60/90)** days from the due date of its opening in case of single bid system / ~~Ninety(90) days from the date of opening of technical bid in case tenders are invited on 2 bid/envelop system/ One hundred twenty(120) days from the date of opening of technical bid in case bids are invited on 3 bid/envelop system for specialised work (strike out as the case may be)~~ and not to make any modification in its terms and conditions.

A sum of **Rs. 17,491.00** is hereby forwarded in **Insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt, Banker's Cheque or Bank Guarantee** issued by scheduled bank as earnest money.

A copy of earnest money in receipt of **Insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt, Banker's Cheque or Bank Guarantee** issued by a scheduled bank is scanned and uploaded (strike out as the case may be). If I/We, fail to furnish the prescribed performance performance guarantee within prescribed period, I/We agree that the said President of India or his successors, in office shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely. Further, if I/We fail to commence work as specified, I/ We agree that President of India or the successors in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said performance guarantee absolutely. The said Performance Guarantee shall be a guarantee to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to those in excess of that limit at the rates to be determined in accordance with the provision contained in Clause 12.2 and 12.3 of the tender form.

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Further, I/We agree that in case of forfeiture of Performance Guarantee as aforesaid, I/We shall be debarred for participation in the re-tendering process of the work.

I/We undertake and confirm that eligible similar work(s) has/have not been got executed through another contractor on back-to-back basis. Further that, if such a violation comes to the notice of Department, then I/We shall be debarred for tendering in CPWD in future forever. Also, if such a violation comes to the notice of Department before date of start of work, the Engineer-in-Charge shall be free to forfeit the entire amount of Performance Guarantee.

I/We hereby declare that I/We shall treat the tender documents drawings and other records connected with the work as secret/confidential documents and shall not communicate information/derived there from to any person other than a person to whom I/We am/are authorized to communicate the same or use the information in any manner prejudicial to the safety of the State.

Dated

Signature of Contractor

Witness:

Postal Address

Address:

Occupation:

<i>C</i>	<i>NIL</i>
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ACCEPTANCE

The above tender (as modified by you as provided in the letters mentioned hereunder) is accepted by me for and on behalf of the President of India for a sum of `(Rupees).

The letters referred to below shall form part of this contract agreement:

- (a)
- (b)
- (c)

For & on behalf of President of India

Signature

Designation

Dated:

<i>C</i>	<i>NIL</i>
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PROFORMA OF SCHEDULES

(Separate Performa for Civil, Elect. & Hort. Works in case of Composite Tenders) (Operative Schedules to be supplied separately to each intending tenderer)

SCHEDULE 'A'

Schedule of quantities (Attached Page No. 38)

SCHEDULE 'D'

Extra schedule for specific requirements/ document for the work, if any.

-----NIL-----

SCHEDULE 'E'

Reference to General Conditions of contract. **GCC 2023 for Maintenance Works** as amended/modified **upto date**.

Name of Work	:	MOEI & Fans at Holiday Home, GPRA, Badalalpur, Varanasi. (SH:- Comprehensive Maintenance of Daikin Make VRV Air-Conditioning System)
Estimated cost of the work	:	Rs. 8,74,560.00
Performance Guarantee	:	5% of the Estimated cost put to tender or contract amount whichever is higher. Additional Performance Guarantee (In case quoted bid amount is lesser than 80% of ECPT) - The amount shall be equivalent to difference between the 80% amount of ECPT & quoted amount.
Security Deposit	:	2.5 % of the tendered value of the work

SCHEDULE 'F'**General rules and directions:**

Officer inviting tender

Executive Engineer (E), CPWD, Allahabad.

Definitions:

2(v) Engineer-in-Charge

Executive Engineer (E), CPWD, Allahabad.

2(viii) Accepting Authority

Executive Engineer (E), CPWD, Allahabad.

2(x) Percentage on cost of materials and labour to cover all overheads and profits

15%

2(xi) Standard Schedule of Rates:

DSR 2025 & MR

2(xii) Department

Central Public Works Department

9(ii) Standard CPWD contract Form GCC 2020, CPWD Form 7/8 as modified & corrected upto

GCC 2023 (Maintenance Work), CPWD form 7 as modified & corrected up to last date of submission of tender.

Clause 1

- (i) Time allowed for submission of Performance Guarantee, programme chart (Time and progress) and applicable labour licenses, registration with EPFO, ESIC and BOCW welfare board or proof of applying thereof from the date of issue of letter of acceptance 07 Days
- (ii) Maximum allowable extension **with late fee @ 0.1% per day of Performance Guarantee amount beyond the period as provided in (i) above** 03 Days

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Clause 2

Authority for fixing Compensation under Clause 2

**Superintending Engineer,
CPWD, Allahabad or successor thereof.****Clause 2 A**

Whether Clause 2/Clause 2A shall be applicable

No**Clause 5**

Applicable clause 5/ Clause 5A

Clause 5

Number of days from the date of issue of letter of acceptance for reckoning date of start Mile stone(s) as per table given below: -

10 Days

Sl. No.	Description of Milestone (Physical)	Time Allowed in days (from date of start)	Amount to be with-held in case of non-achievement of milestone
1.			
2.	NIL		
3.			

Time allowed for execution of work

12 Months**Authority to decide**

Extension of time	Engineer-in-Charge or successor thereof.
Rescheduling of mile stone	Superintending Engineer Allahabad or successor thereof.
Shifting of date of start in case of delay in handling over of site	Superintending Engineer Allahabad or successor thereof.

PROFORMA OF SCHEDULE Clause 5 Schedule of handing over of site

Part	Portion of site	Description	Time Period for handling over reckoned from date of issue of letter of intent
Part A	Portion without any hindrance	} Site is available.	
Part B	Portions with encumbrances		
Part C	Portions dependent on work of other agencies		

Clause 6**Electronic Measurement Book (e-MB)****Clause 7**

Gross work to be done together with net payment/Adjustment of advances for material collected, if any, since the last such payment for being eligible to interim payment

As mutually agreed**Clause 7A**

Whether Clause 7A shall be applicable

Yes**Clause 10A**

List of testing equipment to be provided by the contractor at site lab

NA

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Clause 10B(ii)

Whether clause 10-B(ii) and shall be applicable

NA

Clause 10C

Component of labour expressed as percentage of value of work

20%

Clause 10CC*Not Applicable*

Schedule of component of other Materials, Labour etc. for price escalation. Component of civil (except materials covered under clause 10CA)/ Electrical construction value of work	
Component of Labour -Expressed as percent of total value of work.	

Note: Xm.....% should be equal to (100) – (materials covered under clause 10CA i.e. Cement, Steel, POL and material specified in clause 10CA + Component of Labour)

Clause 11

Specification to be followed for execution of work:

CPWD General Specifications Part-I for Internal Electrical Works 2023 and Part-II External Electrical Works 2023, Heating, Ventilation & Air-Conditioning (HVAC)-2024, CPWD General Specification for Electrical Works all as amended up to date.

Clause 12: -

(As per OM No. – DG/CON/Maint. 2023/03 dated 18.12.2023)

12.2.,12.3

Deviation limit beyond which clause 12.2 & 12.3 : shall apply for building work

No Limit**Clause 16**

Competent Authority for Deciding reduced rates:

**Superintending Engineer O/o
Superintending Engineer Allahabad**

Clause 18

List of mandatory machinery, tools & plants to be deployed by the contractor at site

As per attached**Clause 19C****Executive Engineer (E), CPWD, Allahabad****Clause 19D****Executive Engineer (E), CPWD, Allahabad****Clause 19G****Executive Engineer (E), CPWD, Allahabad****Clause 19K****Executive Engineer (E), CPWD, Allahabad****Clause 25**

(i)	Conciliator	ADG (Lucknow) or successor thereof
(ii)	Arbitrator Appointing Authority	Superintending Engineer, Allahabad, CPWD, Prayagraj or successor thereof
(iii)	Place (Seat) of Arbitration	Prayagraj (U.P.)

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Clause 32

Sl. No.	Minimum Qualification of Technical Representative	Discipline	Designation (Principal Technical/ Technical Representative)	Minimum Experience	Number	Rate at which recovery shall be made from the contractor in the event of not fulfilling provision of clause 36(i)	
						Figures	Words
	NIL						

Executive Engineers retired from Government services that are holding Diploma will be treated at par with Graduate Engineers.

Diploma holder with minimum 10 years relevant experience with a reputed construction co. can be treated at par with Graduate Engineers for the purpose of such deployment subject to the condition that such diploma holders should not exceed 50% of requirement of degree engineers.

Clause 38**Not Applicable**

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ANNEXURE**Clause - 18****List of mandatory machinery, tools and plants & testing Equipment to be deployed by the contractor at site**

1.	Steel/Aluminium Ladder 1.5 m to 8 m.	2 Nos.
2.	Chase cutting machines.	2 Nos.
3.	Electrical wire drawing equipment.	2 Set.
4.	Torque wrench for nut/bolt/screws.	2 Nos.
5.	Conduit die set.	2 Set.
6.	Pipe vice.	1 No.
7.	Bench vice.	1 No.
8.	L.T.Megger 500/1000 volts.	1 No.
9.	Tong Tester.	1 No.
10.	Multimeter.	1 No.
11.	Hydraulically operated & hand operated crimping machine.	1 No.
12.	Earth tester.	1 No.
13.	Portable Ordinary drilling machine.	2 Nos.
14.	Portable Hammer drilling machine.	2 Nos.
15.	Overhead conduit puller.	1 No.
16.	Insulation Tester LT/HT.	1 No.

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CONDITIONS FOR ASSOCIATE AGENCY FOR E&M WORKS

1. *The tenderer should either himself meet the eligibility conditions for execution of minor component of work i.e. E&M work (specialized E&M) Works or otherwise he will have to associate with agencies, fulfilling the eligibility requirements prescribed in the tender document.*
2. *In case the main contractor is himself eligible (as per eligibility criteria) for executing all or some components of E&M work and intends doing job himself, he may not be required to associate with another agency for such components of E&M work of work. In such cases the main contractor also has to submit the documents as per eligibility criteria mentioned for associated agency of individual E&M component(s) along with submission of Performance Guarantee.*
3. *In case, the main contractor himself is not eligible (as per eligibility criteria) for executing any of the components of E&M work, he can directly procure the equipment of approved make from OEM and get it installed from authorized agency/service provider of the OEM or specialized agency as per criteria mentioned for associate eligible agency.*
4. *In case the main contractor himself is not eligible (as per eligibility criteria) and also not willing to directly procure the equipment as per Para-3 above, he will have to associate with him eligible agencies for doing such components of E&M work. In such cases the main contractor has to submit proposal for approval of associate agency along with documents in support of fulfilling eligibility criteria mentioned for associated agency of individual E&M components along with submission of Performance Guarantee.*
5. *In the event of the associated E&M agency not performing satisfactorily or failure of associate agency to execute/complete the E&M work, the main contractor on written directions of the department, shall remove the Associate agency deployed on the work and shall submit proposal for approval of new associate agency without any loss of time or variation in cost to the department. Such new associate agency shall also give an undertaking along with the main tenderer that both of them shall guarantee for the equipment already supplied for which payment has been released by the department in part. If any equipment supplied for the work, during the currency of the earlier associate agency and paid partly by the department, becomes redundant /not in a position to be installed and commissioned and put to beneficial use due to change in agency for execution of E&M work, the main contractor shall be liable for replacement of the equipment(s) at no cost to the department. No change of associate agency will be allowed without prior approval of the Engineer-in-charge of the work.*
6. *The main contractor shall be responsible and liable for proper and complete execution of the Electrical work and ensure coordination and completion of all electrical component work.*
7. *The associate contractor shall attend the inspection of the work by the Engineer-in- charge of E&M works as and when required.*

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PROPOSAL FOR ASSOCIATING AGENCY FOR E&M WORKS

I/we hereby propose the following agency for execution of E & M work component mentioned herein. Consent Letter from the proposed associated agency is enclosed.

1. **Name of work:** **MOEI & Fans at Holiday Home, GPRA, Badalapur, Varanasi. (SH:- Comprehensive Maintenance of Daikin Make VRV Air-Conditioning System)**
2. **Component of E&M Work** :
- (i) **Name of Associated Agency** :
- (ii) **Details of Enlistment** :
- (iii) **Category and Class of Enlistment** :
- (iv) **Monetary limit of work in Enlistment** :
- (v) **Validity of Enlistment** :
- (vi) **Copy of Enlistment Order attached** : (Yes /No)
- (vii) **Copy of electrical contractor license attached:** (Yes /No)
- (viii) **Copy of completion certificates of similar work experience attached:** (Yes /No)
- (ix) **Copy of GST Registration attached** : (Yes/No)
- (x) **Copy of PAN Card Attached** : (Yes/No)
- (xi) **Consent Letter of agency attached** : (Yes/No)

Encls: Self Attested photocopies of as stated above

Seal & Signature of the Main Contractor

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ON 100 Rs. STAMP PAPER
MEMORANDUM OF UNDERSTANDING [M.O.U] BETWEEN

Component of E&M WORK:-----

- 1] M/S [Name of the firm with full address]
 Enlistment Status
 Valid Upto:
 [Henceforth called the main contractor]

And

- 2] M/S [Name of the firm with full address]
 Enlistment Status
 Valid Upto:
 [Henceforth, called Associated Contractor]

Name of Work:- *MOEI & Fans at Holiday Home, GPRA, Badalapur, Varanasi. (SH:- Comprehensive Maintenance of Daikin Make VRV Air-Conditioning System)*

NIT No. -

Whereas the main contractor has agreed to entrust the above work only to the associated contractor.

We state that MoU between us will be treated as an agreement and has legality as per Indian Contract Act (amended up to date) and the department (CPWD) can enforce all the terms and conditions of this agreement for execution of the above work only in respect of this work. Both of us shall be responsible for the execution of above work as per the agreement to the extent this MoU allows. In case of any delay in the payment by the main contractor, the associated contractor can apply to the CPWD to release the payment under Clause 7B and deduct the same from the bills of the main contractor. In case of any dispute, either of us will go for mediation by the CE or SE (as the case may be) and his decision shall be final and binding on both of us.

We have further agreed as under:

1. The Associated Contactor will execute above work as per terms and conditions of this agreement.
2. All the machinery and equipment, tools and tackles required for execution of the above work, as per this MoU, shall be the responsibility of the Associated Contractor.
3. The site staff required for the execution of above work shall be arranged by the Associated Contractor as per terms and conditions of this MoU.
4. All the correspondence regarding execution of the above work shall be done by the department with the main contractor. In case of non-compliance of the provisions of agreement of the work

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by the associated contractor, the main contractor shall be held responsible and action will be taken against him as per agreement provisions.

5. In case of non-performance, associated contractor will be debarred from participation or association in the CPWD tenders by the CPWD.

(Authorized Signatory)

SIGNATURE OF MAIN CONTRACTOR

Date :

Place :

1. Witness with address

(From main contractor side)

(Authorized Signatory)

SIGNATURE OF ASSOCIATED CONTRACTOR

Date :

Place :

1. Witness with address

(From associated contractor side)

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WILLINGNESS CERTIFICATE

Name of Work:- MOEI & Fans at Holiday Home, GPRA, Badalalpur, Varanasi. (SH:- Comprehensive Maintenance of Daikin Make VRV Air-Conditioning System)

Component of E&M WORK:-----

I hereby give my willingness to work as associated contractor for the above mentioned work.

I will execute the work as per specifications and conditions for the agreement and as per direction of the Engineer-in-charge. Also I will employee full time technically qualified supervisor for the works. I will attend inspection of officers of the department as and when required.

Date:

Signature of Contractor

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(On non-judicial stamp paper of minimum Rs. 100)**(Guarantee offered by Bank to CPWD in connection with the execution of contracts)****Form of Bank Guarantee for Earnest Money Deposit/Performance
Guarantee/Security Deposit/Mobilization Advance**

1. Whereas the Executive Engineer (name of division) CPWD on behalf of the President of India (hereinafter called “The Government”) has invited bids under (NIT number) dated for..... (name of work) The Government has further agreed to accept irrevocable Bank Guarantee for Rs. (Rupees..... only) valid upto (date)*as Earnest Money Deposit from (name and address of contractor) (hereinafter called “the contractor) for compliance of his obligations in accordance with the terms and conditions of the said NIT.

OR**

Whereas the Executive Engineer(name off division) CPWD on behalf of the President of India (hereinafter called “The Government”) has entered into an agreement bearing number with (name and address of the contractor)(hereinafter called “the Contractor”) for execution of work..... (name of work)The Government has further agreed to accept an irrevocable Bank Guarantee for Rs.(Rupeesonly) valid upto(date) as Performance Guarantee/Security Deposit/Mobilization Advance from the said Contractor for compliance of his obligations in accordance with the terms and conditions of the agreement.

2. We, (indicate the name of the bank) (herein after referred to as “the Bank”), hereby undertake to pay to the Government an amount not exceeding Rs..... (Rupees only) on demand by the Government within 10 days of the demand.
3. We, (indicate the name of the Bank), do here by undertake to pay the amount due and payable under this guarantee without any demur, merely on a demand from the Government stating that the amount claimed is required to meet the recoveries due or likely to be due from the said contractor. Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this Guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs. (Rupeesonly)
4. We, (indicate the name of the Bank), further undertake to pay the Government any money so demanded notwithstanding any dispute or disputes raised by the contractor in any suit or proceeding pending before any court or Tribunal, our liability under this Bank Guarantee being absolute and unequivocal. The payment so made by us under this Bank Guarantee shall be a valid discharge of our liability for payment there under and the contractor shall have no claim against us for making such payment.
5. We, (indicate the name of the Bank)....., further agree that the Government shall have the fullest liberty without our consent and without affecting in any manner our obligation here under to vary any of the terms and conditions of the said agreement or to extend time of performance by the said contractor from time to time or to postpone for any time or from time to time any of the powers exercisable by the Government against the said contractor and to forbear or enforce any of the terms and conditions relating to the said agreement and we shall not be relieved

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from our liability by reason of any such variation or extension being granted to the said contractor or for any forbearance, act of omission on the part of the Government or any indulgence by the Government to the said contractor or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.

6. We, (indicate the name of the Bank), further agree that the Government at its option shall be entitled to enforce this Guarantee against the Bank as a principal debtor at the first instance without proceeding against the contractor and notwithstanding any security or other guarantee the Government may have in relation to the Contractor's liabilities.
7. This guarantee will not be discharged due to the change in the constitution of the Bank of the Contractor.
8. We,(indicate the name of the Bank)....., undertake not to revoke this guarantee except with the consent of the Government in writing.
9. This Bank Guarantee shall be valid up to unless extended on demand by the Government. Notwithstanding anything mentioned above, our liability against this guarantee is restricted to Rs. (Rupees only) and unless a claim in writing is lodged with us within the date of expiry or extended date of expiry of this guarantee, all our liabilities under this guarantee shall stand discharged.

Date

Witnesses:

1. Signature

Name and address

Authorized Signatory

Name

Designation

Staff code no.

Bank seal

2. Signature

Name and address

- *Date to be worked out on the basis of validity period of 90 days where only financial bids are invited and 180 days for two/three bid system from the date of submission of tender.
- **In paragraph 1, strike out the portion not applicable. Bank Guarantee will be made either for earnest money or for performance guarantee/security deposit/mobilization advance, as the case may be.

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PART-B

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Terms & Conditions

- 1- *The work shall be carried out strictly in accordance with CPWD General Specifications for Internal Electrical Works 2023 & External Work-2023 in accordance with Indian Electricity Rules, 1956, Indian Electricity Act, 2003 as amended up to date and as per instructions of the Engineer-in-Charge including as below and nothing will be paid extra.*
- 2- *No T&P shall be issued by the Deptt. to the contractor.*
- 3- *The rate quoted by the contractor should be inclusive of all Taxes, Cartage, Packing & Forwarding, Loading & Unloading, Installation, Testing & Commissioning at site of work.*
- 4- *The contractor shall be responsible for any damage done to the building or electrical installations during the execution of the work. Damage, if any, shall have to be made good by the contractor at his own cost failing which the same shall be got rectified & made good at the risk & cost of the contractor.*
- 5- *During execution of work if any accident occurs it will be responsible of the contractor for any claim to Human Lives etc.*
- 6- *The tenderer should in his own interest visit the site and familiarize himself with the site conditions before tendering. For any clarification tenderer may discuss with the engineer in charge.*
- 7- *Making opening and its repair in the walls/floors/slabs or modification in the existing opening for pipes/cables is to be done by the tenderer free of cost.*
- 8- *Complete testing is to be given up to full satisfaction of the engineer-in-charge.*
- 9- *The materials shall be procured only from the manufacturers or their authorized dealers & documentary proof for such procurement & supply shall be produced by the contractor if desired by the department. The department reserves the right to send such materials to the manufacturers or authorized test laboratory to verify the genuineness & quality of the product. Contractor shall preserve the copies of invoices, test certificates, gate passes etc. to prove the genuineness of material / purchases. The responsibility of procurement, genuine material of specialized works shall rest with the contractor.*
- 10- *The work shall be carried out in engineering like manner & bad workmanship shall be rejected summarily. For redoing the job, no claim of the contractor shall be entertained on this account.*
- 11- *The site shall be cleared of malba, debris etc. due to execution of work at site by the contractor without any extra cost to the department.*
- 12- *The contractor or his authorized representative shall sign the site order book & comply with the remarks entered therein by the Engineer-in-charge or his representative.*
- 13- *The watch & ward of the materials & of the installations would be responsibility of the contractor till the work is completed / handed over. Nothing extra shall be paid to the contractor on this account.*
- 14- *All the material shall be got approved by engineer-in-charge before use at site.*

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Additional Conditions for Air Conditioning System

Name of work: - MOEI & Fans at Holiday Home, GPRA, Badalapur, Varanasi. (SH:- Comprehensive Maintenance of Daikin Make VRV Air-Conditioning System)

1. *The work shall be carried out as per CPWD General specifications for internal and external electrical works & HVAC Work as amended up to date and as per instructions of Engineer in-charge.*
2. *Before quoting the rates contractor is advised to visit the installation of VRF Unit at Holiday Home, Varanasi.*
3. *Preventive check of the VRF Unit and BMS system shall be done once in every fortnight by Computer software/ hardware engineer who shall be able to update the software/ hardware if required for complete functioning of BMS system of VRF Unit.*
4. *The scope of work shall be following:*
 - a) *General cleaning of VRF Unit equipments, LT panels, etc.*
 - b) *Maintaining and recording requisite data in log book. Necessary action shall be taken by the contractor if the readings are not normal.*
 - c) *Checking, Tightening, making connection with help of ferrules, PVC taping etc.*
 - d) *Operation of VRF Unit as per need and requirement of heat load by deputing minimum staff as per Schedule of Work.*
 - e) *All the connecting leads / cables are to be checked and preventive maintenance to be carried out as required on all the panel/ DB's/ ACB's in AC Panels / AHU rooms etc. as per CPWD specifications.*
 - f) *HVAC/ VRF Engineer shall attend the installations every week and take corrective actions and prepare and submit the report with remarks indicating therein about the material if any required for sound and healthy functioning of the installation.*
 - g) *To check electrical motors and bearings for abnormal noise/ heating & to take corrective action if required.*
 - h) **Comprehensive & routine maintenance:** *- Under comprehensive & routine maintenance of VRF required the System has to be kept in good running condition by attending the faults / repair / replacement of all the components of VRF units without any extra cost so that the system run without any failure. It includes following :-*
 - (i) *Inspecting the Plant/ System and carryout Preventive Maintenance as the standard practice four times in a year.*
 - (ii) *Checking the Refrigeration system, motor and starters including repairs/replacement of parts of the same and ensuring healthy condition of the plant.*
 - (iii) *Checking the system for any leaks and rectifying the leaks if found.*
 - (iv) *Taking set of readings and evaluating to ensure satisfactory performance of the plant.*
 - (v) *Checking the Refrigeration control system for proper operations and adjusting the settings when required.*

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- (vi) *Checking the Functioning of compressors and its accessories i/c repair & replacement, if required.*
- (vii) *Checking the functioning IDU evaporator/ ODU condenser coils once in a year if required.*
- (viii) *Lubricating the bearing of motors & fans when found necessary.*
- (ix) *Quarterly inspections of belts adjusting the tension and replacing the worn out belts as and when found required.*
- (x) *Replenishment of refrigerate gas as a result of fair wear and tear.*
- (xi) *Overhauling the components of the requirement at site or in service station as and when required i/c providing load compressor if available in case of failure of these compressors.*
- (xii) *Checking for the microprocessor/ PCBs and sensors of IDU/ODU units for its proper functioning and repair/ replacement of the same, if found necessary.*
- (xiii) *Attending to complaint/ breakdown calls within 24 hours whenever if any.*
- (xiv) *Reporting the healthiness of the plant and suggesting improvements, if any.*
- (xv) *Painting of all motors, base frame, exposed pipe, cooling tower once in a year.*
- (xvi) *Rewinding of fans motors IDU/ ODU units & compressor motor in case of failure.*
- (xvii) *Cleaning of IDU/ ODU filters at least once in fortnight or as and when required.*

(Nothing shall be paid extra in regard of 4(h) i to xvii. The firm shall provide the defective parts 4(h) i to xvii without any extra cost.)

5. *The contractor shall have to check the Log Book for any instructions of the Engineer-in-Charge or his authorized representative and sign the Log Book. He shall be bound to ensure compliance with the instructions recorded therein.*
6. *Log Books/Inspection Register will become property of the department after completion of work. The contractor will maintain these record with due care and shall hand over the same to the department after completion of work.*
7. *The contractor shall not change any staff without consent of the department. The contractor will report the department for any change of staff, if required and will submit credential of person to be employed at work.*
8. *The contractor shall remove the staff if found incompetent/ discourteous immediately from the site of work and will report to the department for such action immediately by deploying alternate staff.*
9. *The firm shall submit the complete list of work men/ Engineers employed by him on this work. The details should include Name, Fathers name, residential/permanent address with proof of residence/ their contact mobile number.*
10. *The staff employed shall wear the Badges / I-cards (I-cards issued by the Deptt.) showing their name and designation on their uniform which shall be supplied by the firm.*
11. *The work is of purely temporary nature and can be closed at any time without assigning any notice/ reason to the contractor. It may also be noted that the contractor shall be employer of all workmen/staff engaged by him on this work and any claim raised by them for regularization in the department shall not be entertained.*

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12. *If the employee of the contractor goes to court or any other legal authorities etc. in or anywhere in India at any time in connection to this contract the department shall not be made a party of it in any way the employee of the contractor/ or by the contractor himself. This fact should be clearly and legally told to all the employees by the contractor and the contractor shall be fully responsible for all losses/ damages/ misconduct etc. arises on this account.*
13. *No claim shall be entertained by the department if any accident occurs during currency of this contract.*
14. *The contractor shall take over the installation and after expiry of the contract the firm should hand over all the installation in good working condition to the department. Any damage done to the building or existing installations during operation and maintenance period, shall have to be made good by the contractor at his own cost.*
15. *All the Tool & Plants required for this work shall be arranged by the contractor at his own cost.*
16. *The staff shall be engaged at site as per descriptions given in schedule of work against Item no.1. However the shifts/ duty of any staff can be changed as per the requirement/ instructions of Engineer-in-charge. In case any staff found absent from duty the following recoveries shall be effected : -*
- | | |
|--------------------|----------------------|
| a. HVAC Supervisor | Rs. 2500/- per visit |
| b. Skilled | Rs. 1836/- per shift |
| c. Skilled | Rs. 1836/- per shift |
| d. Unskilled | Rs. 1386/- per shift |
17. *The contractor shall quote the rate which shall be inclusive of all taxes, duties and levies etc. Any type of conditional offer shall be summarily rejected.*
18. *Contractor has to maintain the weekly check report of all equipments for comprehensive maintenance.*
19. *Payment shall be made to the contractor quarterly or as decided by Engineer-in-charge after making all statutory recoveries applicable at the time of payment.*
20. *Any defect / repair has to be attended within 24 Hrs. otherwise for any unjustified delay in case of failure of any chiller unit for any reason whatsoever may be, a recovery @ 0.1% of contract amount against item of Schedule of work per day per unit will be made from the bill of the firm subject to maximum 10% of contract value.*
21. *The contractor has to hand over the plant after completion of agreement in well running condition otherwise suitable recovery will be proposed. Any damage to the plant / equipment / building during operation and maintenance period shall have to be made good by the contractor at his own cost.*
22. *The contractor has to submit preventive / routine maintenance plan of equipments when the agreement starts and carryout the same during the contract period.*
23. *Security restrictions are to be followed by the firm.*

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24. *The contractor has to maintain the service / preventive / routine maintenance record and the same should be submitted to the department duly signed by the JE (E)/ AE (E).*
25. *The successful bidder will submit alongwith the performance guarantee after the acceptance of tender, an undertaking from the OEM of VRV/VRF type AC System (i.e. M/s Daikin) regarding: -*
- (a) Authorization certificate.*
 - (b) The OEM is unconditionally support the lowest tenderer technically throughout the execution of contract as well as for Maintenance/ Comprehensive Maintenance Contract for the entire period of contract.*
 - (c) OEM provides all the spares required for healthy functioning of the equipment for at least during contract period.*
26. ***Comprehensive maintenance contract –***
- (A) The following services will be provided under the AMC***
- i- 6 Nos (2 Wet + 4 Dry) routine services*
 - ii- Immediate attendance of break down, if any*
 - iii- Refrigerant gas charging, if necessary*
- (B) The following spare parts shall be replace free of cost in case of any breakdown within the AMC period***
- i- Fan Motor*
 - ii- PCB*
 - iii- Magnetic switch*
 - iv- Transformer*
 - v- Other electrical parts of AC units*
 - vi- Compressor*
- (C) Following spare parts which are not covered under annual maintenance contract schemes are as follows.***
- i- Assay /plastic cover / panel*
 - ii- Air filter*
 - iii- Sheet metal parts*
 - iv- Condenser and evaporator coils*
 - v- Remote hand set (if miss handling / broken)*
 - vi- Voltage stabilizer & scanners*
 - vii- Circuit breaker (MCB sequencer)*
 - viii- Thermocoal parts*
 - xi- Any damages due to site conditions, rates & insects.*

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GENERAL CONDITIONS

The scope of work comprises of all the electrical & mechanical installations in Holiday Home, Varanasi.

- 1) The contractors are advised to visit the site of work to have an idea of the execution of the work; failure to do so will not absolve their responsibility to do the work as specified in agreement.*
- 2) Duty chart of workers shall be displayed at site office.*
- 3) The bad workmanship will not be acceptable and defects shall be rectified at contractor's cost to the satisfaction of the Engineer-in-Charge.*
- 4) The contractor shall make his own arrangement at his own cost for general tools and plants required for the work.*
- 5) Any damage to the Govt. Property shall be made good and nothing extra shall be paid on this account.*
- 6) The staff engaged by the contractor should be well behaved, polite and courteous. any complaints against staff misbehavior should be taken very seriously and such staff should be removed by the contractor immediately from the site and arrange replacement for the same failing which the Engineer-in-charge has the power to cancel the contract and the contractor shall have no right to claim of loss/compensation.*
- 7) All the complaint registers, log books, workers diary shall be maintained by the contractor and shall be produced before Engineer-in-charge and his representative whenever it is required. This register is to be maintained on day-to-day basis. It shall also be checked periodically by JE, AE and EE.*
- 8) Safety of staff will be the responsibility of the contractor as per labour law. The department will not be a party in such litigation.*
- 9) All T&P including Ladder's, Wire drawing equipment, Chase cutting equipment, Drilling machine Megger insulation, Earth resistance testing equipment etc. required for the work shall have to be arranged by the Contractor and no extra payment shall be made on account of this. No T&P shall be issued by the Department.*
- 10) The Contractor shall depute required Technical Staff as per Clause 32 of Schedule F who shall remain present at site from in general shift or as per approved roaster on all days excluding Sunday and National Holidays.*
- 11) Safety of the staff employed will be the responsibility of the Contractor. It shall be the prime duty of the Contractor to provide requisite safety equipment's to all the workers and supervisors*

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for their protection. CPWD will not be responsible for any mishap, injury/accident or death of the staff. No claim in this regard shall be entertained/ accepted by the department.

- 12) The Contractor shall maintain/stock sufficient quantity of materials and spares at site to meet the requirement of attending the complaints as per direction of the Engineer-in charge.*
- 13) The Contractor will carry out preventive maintenance / Checks as per CPWD Specifications / respective Standard trade practice and as per direction of Engineer-in-Charge. The result of such tests will be recorded in proforma as decided by the Engineer in-Charge.*
- 14) The Contractor shall take immediate action to attend any complaint received through Site Order Book/verbal instructions from Engineer-in-charge or on Telephone by occupants.*
- 15) All complaints and work executed shall be properly recorded in the complaint register and documented. This register shall be kept at site office and abstract of daily complaint received/attended shall be recorded in the register and compiled list of monthly complaint shall be submitted on first day of every succeeding month.*
- 16) Emergency complaints such as no current, leakage of current, sparks short circuiting, fire hazards of any nature etc. shall be attended within one hour otherwise a recovery of Rs.500/- per Emergency complaints shall be made from the contractor's bill.*
- 17) Normal complaints shall be attended in the same day otherwise a recovery of Rs. 500/- per complaint shall be made.*

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Schedule of Work						
Name of work: - MOEI & Fans at Holiday Home, GPRA, Badalalpur, Varanasi. (SH:- Comprehensive Maintenance of Daikin Make VRV Air-Conditioning System)						
S.N.	Description of items	Qty.		Rate	Unit	Amount
1	Comprehensive maintenance of 132 HP VRV Air Conditioning system (DAIKIN Make), its associated equipment's (Indoor & Outdoor Units) AC including replacement of defective compressors, all other defective system and sub system components, Pressure testing and gas charging, routine and preventive servicing and submission of service reports as per OEM standards, i/c credit of old dismantle materials etc. as required. NOTE: The agency has to carry out the work through OEM/Authorized service agent of OEM only.	12	Months	72,880.00	Per Month	8,74,560.00
				Total Rs.		8,74,560.00

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PREFERRED MAKES OF MATERIALS FOR E & M

Sl.	Details of Materials/ Equipment	Manufacturer's Name
	I.E.I, MCBDB & MCB, Cables and Wires	
1	MCB, Isolator, Industrial plug Socket, RCCB, RCBO's (ISI Marked/IEC Compliant)	Schneider Electric ACTI-9(N)/ Legrand (DX3)/ LK (Formerly L&T) (Exora)/ ABB (SB200M)/Siemens (Betaguard)/Havells
2	MCBDB & Loose Wire Box	Schneider Electric (Acti-9)/ LK(Exora)/Siemens/ ABB (Elegance)/ Havells/ Legrand (Ekinox)
3	Change Over Switch	LK/ Havells/ Hager/ C&S/ Schneider
4	Automatic Transfer Switch (ATS)	Socomac/Hager/ABB/ LK/Schneider/Siemens
5	FRLS PVC insulated copper conductor single core cable for wiring. (ISI marked)	Finolex/ RR Kabel/ Havells/ Polycab/ KEI/Grandlay
6	Armoured/Unarmoured Telephone cable, Coaxial Cable	Delton/ Finolex/ RR Kabel/ Havells/ Grandlay
7	MS Conduit (ISI marked) with heavy duty MS conduit pipe accessories	BEC/NIC/AKG/RMCON/JPC (Note: The make of accessories shall be same that of conduit pipe and will comply to IS/4768 part 2 2003)
8	PVC conduit (ISI marked) with heavy duty PVC conduit pipe accessories	AKG/ Norpack/BEC/Polypack/Precision/Anchor/ Polycab
9	Modular switches, socket/ telephone socket/ cable TV socket/ data outlet socket/ fan regulator/ GI boxes etc (Wiring accessories)/ regulators/ Motor starter etc.	Legrand / Schneider electric / Honeywell /Havells / ABB / LK (Formerly L&T)
10	Industrial Socket	L&T/Legrand/Schneider/Havells/ABB
11	Selector Switch & Toggle Switch	Salzer (L&T)/ Siemens/ Kaycee/Rishabh/ABB
12	PVC Trunking	MK/ Schneider Electric/ Legrand/OBO
13	GI Pipe	Tata/ Jindal (Hissar)/ Prakash Surya
14	Paints	Nerolac/ Asian/ Berger
15	Terminal Blocks & Connectors	Elmax/Wago/Hensel/Connectwell
16	Phenolic Laminated Sheet/ Bakelite sheet	Hylam/ Formica (P-I Grade)/ Mylam/Greenlam
17	Cat-6 Cable, Co-Axial cables, Telephone Wires & cable	Amp, Avaya/ Beldon/ Legrand/ Molex/ Schneider/ Comscope/ D-Link
	Fans & Fittings	
1	LED Fittings (ISI Marked/BEE Certified)	Wipro/ Phillips/ Havells/Trilux/Lighting Technology/Crompton
2	Exhaust fan/Fresh Air Fan	Havells/Crompton greaves/USHA/ Bajaj
3	Ceiling Fan ISI Marked/BEE Certified)/Wall Fan	Havells/ Crompton Greaves/ USHA/Bajaj
4	Wall Bracket Fitting	Havells/ Decon / Phillips/Lighting Technology/ Luster/ Jaquar/Anchor Panasonic/ Orient Electric/Halonix/Crompton
5	Geysers (BEE Certified)	Racold/CG/Havells/Usha/ Bajaj
	Street Lighting	

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1	LED post Top fitting	Wipro/ Phillips/ Havells/ Lighting Technology/Trilux /Crompton
2	LED Street light fitting	Wipro/ Phillips/ Havells/ Lighting Technology/Trilux /Crompton
3	LED street lights with inbuilt Solar panel and controller	Wipro/ Phillips/ Havells/ Lighting Technology/Trilux /Crompton
4	Ornamental MS & G.I pole (factory finish)	Keselec Schreder- Ecopole3m ATG in GI with base plate/ Valmont / Wipro/ Phillips/ Crompton greaves/ Bajaj/Paruthi Engineers Pvt. Ltd./ Luster/Twinkle
5	Hot Dipped Galvanized Octagonal Pole (Factory finish)	Valmont/ Wipro/ Phillips/Crompton Greaves/Bajaj/ Paruthi Engineers Pvt. Ltd.
6	Polycarbonate Junction Box/ Enclosure	Hensel/ Spelsberg/ Naptune-Bals/OBO
7	XLPE Insulated PVC Sheathed Alum./ Copper Conductor Armored Cable of 1.1KV Grade	Finloex/ RR Kabel/KEI/Havells/Polycab/Grandlay
	Sub Station Equipments	
1	LT panel/ Meter Panel Board/ Outdoor Feeder Pillar/APFC panels / Bus ducts	Tricolite Electrical Industries/ C&S/ Sterling & Wilson/ MILESTONE/ Adlec Control System Pvt. Ltd./ Advance Panels & Switchgears Pvt. Ltd./ Associated Switchgears & Projects Ltd/ Pristine/ SPC Electrotech Pvt. Ltd. /ASES/Shalabh/ R P Control/Excel Control System/Asian Switchgear Pvt. Ltd./Precision System Control
2	SMDB	Schneider Electric ACTI-9(N)/Legrand/LK(FORMERLY L&T)(ENERSYS-S)/ABB(Elegance)/Siemens
3	Air insulated Rising Main/ Bus Trunking & accessories	C&S/ L&T/Schneider/Legrand/ABB/Siemens
4	Sandwich type bus Trunking/ Rising Main & accessories	C&S/ L&T/Schneider/Legrand/ ABB/Siemens
5	Moulded Case Circuit Breaker (MCCB) Thermal Release/ Microprocessor Based (Ics=Icu=100%)	Schneider electric NSX series/ Legrand (DPX3)/ L&T(D-Sine)/ABB(T-Max)/Siemens(VL series)
6	Power/ Aux. Contactor 3/4 Pole	Schneider Electric/ Legrand/Hager/L&T/ ABB/ Siemens /C&S
7	Potential transformers/ Current Transformers	Automatic Electric/ Gilbert & Maxwell/ Matrix/ Precise/ L&T/ Kappa
8	LED Type Indicating Lamps/ Push button	Schneider electric /L&T / Siemens/C&S/Vaishno/ABB
9	Over load relays	Schneider Electric/ L&T/ Siemens/C&S/ABB
10	Conventional/Electronic Digital Meters (A/V/PF/Hz/KW/KWH)	Conzerv/ L&T/ Secure/ AE/ C&S
11	Timer	Schneider Electric/ Legrand / Hager / L&T/ABB/Siemens/C&S
12	Fasteners/ GI Clamps	Hilti/ Fisher/ Chilli / GMGR
13	D.W. Corrugated HDPE Pipe (ISI Marked)	REX/ Duraplast/ Duraline
14	Transformer (Oil/ Dry pipe)	Crompton/ ABB/ Schneider/VOLTAMP/Siemens
15	HT Panel/ Ring main Unit	Compton/ Siemens/ ABB/ L&T/ Schneider
16	H.T. Cable (ISI marked)	Finloex/ RR Kabel/KEI/Havells/Polycab
17	HT End Termination/Cable Jointing	Reychem/ Denson/ Cab Seal/safekei/3M

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	Kit	
18	ACBs with Display	Schneider Electric(Masterpact)/Legrand(DMX3MP4)/L&T (U-Power-OMEGA)/ABB(Emax)PR122/Seimens
19	Rubber mat	Jyoti/ Deep Jyoti/ Premier (Duly ISI Marked)
20	Ammeter	Rishabh/ L&T/AE/C&S
21	Voltmeter	Rishabh/ L&T/AE/C&S
22	Capacitor and Reactors /APFC Relay	EPCOS/ L&T/ DUCATI/ ABB/ Siemens/ Schneider
23	XLPE Insulated PVC Sheathed Alum./ Copper Conductor Armored/ Unarmored Cable of 1.1KV Grade	Finloex/RR kabel/KEI/ Havells/Polyacb/ Grandlay
24	Cable Glands Double Compression With Earthing Links	Baliga Lighting/ Comet/ Cosmos/ Dowells/Gripwell
25	Bimetallic Cable Lug	Comet/ Dowells (Biller India)/ Hex Brass (Copper Alloy India) / Jainson/ Action
26	MS/ GI Cable Tray	Pilco/slotco/pasco/MEM/ BEC/ steelways/ Legrand/ RMcon/True leader/R.P. Controls/OBO
27	Programmable Logic Controller (PLC)	Siemens/ Allen Bradley/ L&T/ ABB/Schneider
	Air Conditioner & Water Purifier	
1	Split Air Conditioner	Daikin/ Hitachi/ Carrier/ LG/O-General/Toshiba
2	Window type Air Conditioner	Daikin/ Hitachi/ Carrier/ LG/O-General/Toshiba
3	Voltage stabilizer	V guard/ Blue bird/ Voltas/Servokon/Logicstate
4	RO/ water purifier	Kent/ Ion Exchange/ Aqua guard
5	Drinking water cooler	Voltas/ Blue Star/ Usha
6	Insulation	Armacell/Supreme/Vidoflex
7	Axial Fans	Air Flow
8	Inline Fans	Air Flow
9	Grills, Diffusers	Air Flow
10	Fire Dampers	Air Flow
11	Refrigerator	LG/Haier/Whirlpool/Samsung
12	Deep Freezer Double Door	Blue Star/Rockwell/Voltas/Godrej

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